

WHAT IS CLAIMED IS:

1. An illumination device for a pedestrian conveyor system having a glass balustrade, comprising:

a lighting element arranged on the glass balustrade; and
an electric strip conductor printed on the glass balustrade and coupled to the lighting element for supplying power to the lighting element.

2. The illumination device according to claim 1, wherein the electric strip conductor is screen printed on the glass balustrade.

3. The illumination device according to claim 1, wherein the electric strip conductor and the lighting element located on a side of the balustrade facing away from passenger area of the pedestrian conveyor system.

4. The illumination device according to claim 1, wherein the electric strip conductors comprise at least one of silver and a silver alloy, covered with a protective layer on a side of the balustrade facing away from a passenger area of the pedestrian conveyor system.

5. The illumination device according to claim 4, wherein the protective layer comprises one of ceramic and plastic.

6. The illumination device according to claim 1, wherein the lighting element is a light emitting diode (LED).

7. The illumination device according to claim 1, further comprising:

at least one transformer coupled to the electric strip conductors for reducing voltage to a 12V alternating current.

8. The illumination device according to claim 1, wherein the light element comprises powdery zinc sulphate for generating phosphorescent properties in a selected range of wavelengths.

9. The illumination device according to claim 1, wherein the strip conductors comprise encapsulated electrodes and the lighting element is provided on a base of the encapsulated electrodes to form of a sandwich for generation and representation of colored safety symbols.

10. The illumination device according to claim 1, wherein the pedestrian conveyor system is an escalator.

11. The illumination device according to claim 1, wherein the pedestrian conveyor system is a moving walkway.

12. The illumination device according to claim 1, wherein the lighting element is printed on the balustrade.

13. The illumination device according to claim 2, wherein the lighting element is screen printed on the glass balustrade.

14. The illumination device according to claim 1, wherein the lighting element is a strip-shaped lighting element.